PATENT CLAIMS

1. Biodegradable polyester (particularly in the form of a raw material or working material) which is degraded in a natural environment by the action of micro-organisms, for example according to DIN 53739D or ASTM D5338-92, characterised in that the polyester has been produced from an aliphatic polyol and an aromatic polycarboxylic acid and at the same time from an aliphatic polycarboxylic acid as monomer component, and has constitutional repeater units or returning units, which

(1) consist on the one hand of polyol and aromatic polycarboxylic acid and

(2) on the other hand of polyol and aliphatic polycarboxylic acid,

more than 90% of the units according to (1) being linked with none or at least one further unit according to (1) directly.

Replaced by Article 34

2. Polyester according to claim 1, characterised in that the polyester has a molecular weight of 1000 to 70000 g/mol.

3. Polyester according to claim 1, characterised in that the polyester has a melting point of 40 to 150oC and in particular 90 to 150oC.

4. Polyester according to one of claims 1 to 3, characterised in that the polyester has been condensed from

- an aliphatic C2-6-diol, preferably 1, 2-ethanediol, 1, 2-propanediol, 1, 3-propanediol, 1, 4-butanediol, 2, 3-butanediol or 1, 35 hexanediol,

- from an aromatic dicarboxylic acid, preferably terephthalic acid, and

- from an aliphatic C2-10 dicarboxylic acid, preferably adipic acid or sebacic acid.

5. Polyester according to one of claims 1 to 4, characterised in that the polyester has a proportion originating from an aromatic dicarboxylic acid as a monomer component, of 3 to 65 and in particular 35 to 55 mol-% (relative to the overall acid content).

6. Material made from a biodegradable polyester according to one of the preceding claims in the form of a flat material, particularly films, individual filaments, filamentary material or moulded parts, particularly injection moulded, extruded or foamed moulded parts.

7. Material according to claim 6, in the form of fibres, felt or textiles as a filamentary material.

8. Material according to claim 6 or 7 as a composite material.